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UNITED STATES DEPARTMENT OF AGRICULTURE  
Weather Bureau — Bureau of Agricultural Economics

REPORT OF WEATHER AND CROP CONDITIONS IN MONTANA  
Week Ending Tuesday, August 6, 1935.

*Issued jointly by the Division of Crop and Livestock Estimates and the Weather Bureau.  
Offices: Fourth Floor, Federal Office Building, Helena, Montana.*

Much cooler weather during the forepart of the week ending August 6th, carried temperatures down to seasonable levels. Toward the close temperatures rose moderately reaching the 100° mark in the eastern third of the State on August 5th, but continuing well under this mark in the western half. Light showers occurred in both the opening and closing days, but amounts were too light to be of much benefit to dry land crops and pastures needing further moisture. Rainfall was also too light to help supplies of irrigation water which have been decreasing rapidly in some southeastern and extreme southwestern localities. Crop conditions continue extremely spotted and on the whole probably deteriorated still further despite some reports of improvement.

Winter wheat harvest is now getting underway generally with a wide range of yields. Most of the early cutting has been made with binders although combine harvests are now starting. Winter wheat yields in Blaine County are ranging from 2 to 30 bushels; in Big Horn County from 8 to 35 bushels; Chouteau County reports yields below normal but wheat of good quality. Moderate yields of 12 to 14 bushels are being harvested in Lewis and Clark County, but central and southwestern portions of Gallatin County, where moisture conditions were favorable, report yields as high as 40 bushels. With harvest just starting in Fergus the yields are still undetermined.

Spring grain crops prospects range from failure to very good depending upon locality and moisture. Extreme northeastern Montana still reports fair to good prospects with unusually heavy crops in the more favored localities. Over the western half of the State many spring grain fields have been cut for hay and somewhat more than an average amount of acreage has been abandoned or plowed under. Continued dry weather is forcing maturity of spring grain crops generally, with the present prospect that these harvests will now follow that of winter grains at about normal dates.

Haying operations have continued under favorable weather for cutting and stacking. Second cuttings of alfalfa have started in some localities and the wild hay cuttings are now getting underway in southwestern Montana. Irrigated crops are well advanced. Beets are reported making excellent progress in the northern areas and are good in both the western and eastern sections. Harvesting of cherries and the pea crop has started in western Montana and peas are also being harvested in the Gallatin Valley.

While livestock is in good condition over most of the State some bad spots have developed in pasture and range feed. Chouteau County livestock shipments have increased on account of shortage of pasture and water. Some Pondera livestock has been moved on this account, while range and feed conditions are poor in parts of Glacier, Valley, Musselshell and Golden Valley Counties.

Grasshoppers and crickets have continued to do considerable damage in scattered sections of the State, but material damage to ranges, grain crops and seed crops has been mostly confined to portions of counties in central, south-central and southeastern Montana. A few more reports of rust have come from the eastern border counties but no material damage has as yet been reported.

WEEKLY TEMPERATURE AND PRECIPITATION DATA

| Station           | Highest temperature | Lowest temperature | Total Precipitation |
|-------------------|---------------------|--------------------|---------------------|
| Billings .....    | 94                  | 52                 | 0.03                |
| Bozeman .....     | 88                  | 37                 | T                   |
| Cut Bank .....    | 85                  | 41                 | 0.03                |
| Glasgow .....     | 100                 | 45                 | 0.14                |
| Glendive .....    | 100                 | 51                 | 0.03                |
| Great Falls ..... | 90                  | 43                 | 0.08                |
| Havre .....       | 92                  | 48                 | 0.10                |
| HELENA .....      | 92                  | 46                 | 0.01                |
| Kalispell .....   | 86                  | 44                 | T                   |
| Lewistown .....   | 88                  | 35                 | 0.02                |
| Miles City .....  | 100                 | 52                 | T                   |
| Missoula .....    | 92                  | 42                 | 0.16                |

*A. E. Osborn, Weather Bureau.  
J. G. Diamond, Division of Crop and Livestock Estimates.*

*August 7, 1935.  
Helena, Montana.*





THE FOLLOWING COUNTY SUMMARIES OF CROP CONDITIONS FOR WEEK ENDING AUGUST 3, 1935, ARE FURNISHED THROUGH THE COURTESY OF DIRECTOR J. C. TAYLOR, MONTANA STATE EXTENSION SERVICE.

BEAVERHEAD: HOT AND DRY, WITH DRYING WINDS; COOL THE PAST TWO DAYS. MOST OF THE WATER SHUT OFF, RESULTING IN A LITTLE BURNING OF GRAINS AND PEAS IN THE VALLEY; HAYING IN FULL SWING IN THE BIG HOLE. RANGE VERY DRY AND BURNING, RESULTING IN LAMBS NOT LOOKING AS WELL AS WAS PREDICTED. IN SOME SECTIONS, CONSIDERABLE RANGE HAS BEEN DESTROYED BY GRASSHOPPERS AND CRICKETS.

BIG HORN: - NO PRECIPITATION DURING THE WEEK, WHICH STARTED UNUSUALLY HOT BUT CLOSED COOL. HARVEST ON IN FULL SWING WITH REPORTS OF WIDE RANGE IN YIELD. SOME 35 BU. WHEAT COMBINED AND ALSO SOME 8 BU. SECOND CROP ALFALFA BEING CUT; BEETS MAKING SPLENDID PROGRESS AND VALLEY GARDENS IN GOOD SHAPE. RANGE IN GOOD SHAPE AND CATTLE IN TOP CONDITION. GRASSHOPPERS DOING DAMAGE TO ALFALFA SEED CROP. CRICKETS DEPOSITING EGGS.

BLAINE: - PREVAILING WEATHER DURING THE WEEK WAS COOL, WITH LIGHT SHOWERS ON WEDNESDAY. GROWING CONDITIONS VERY FAVORABLE. CROP CONDITIONS ARE VERY SPOTTED THROUGHOUT THE COUNTY WITH PROSPECTIVE YIELDS RANGING FROM TWO TO THIRTY BUSHELS PER ACRE. HARVESTING WINTER WHEAT STARTED THIS PAST WEEK. GOOD YIELDS REPORTED. BEET CROP IN EXCELLENT CONDITION AND MAKING RAPID GROWTH. NO HAIL THE PAST WEEK REPORTED. GRASSHOPPERS DOING BUT VERY LITTLE DAMAGE. LIVESTOCK IN EXCELLENT CONDITION AND STEADILY GAINING. RANGE CONDITIONS IN EXCELLENT SHAPE.

CARRON: - WEATHER STILL REMAINING HOT AND DRY. REPORT FROM RED LODGE VICINITY GIVES MAXIMUM TEMPERATURE 85 AND MINIMUM TEMPERATURE 54 DEGREES AND PRECIPITATION .05 INCH. MOST OF THE FARMERS ARE NOW CUTTING GRAIN. GRASSHOPPERS ARE GETTING VERY BAD AND DESTROYING QUITE A BIT OF GRAIN, PARTICULARLY THE OATS. IN MANY PLACES, THE SECOND CUTTING OF ALFALFA IS BEING COMPLETELY DESTROYED BY THE GRASSHOPPERS. MANY FIELDS OF WHEAT ARE NOW BEING COMBINED. LIVESTOCK IN GOOD CONDITION.

CARTER-FALLON: NO PRECIPITATION. WEATHER EXTREMELY HOT AND DRY FOREPART OF THE WEEK. COOLER THE LATTER PART. HARVESTING GETTING INTO FULL SWING. MOST HAYING ABOUT COMPLETED, WITH REAPERS AND BINDERS CUTTING GRAIN AND A FEW COMBINES STARTED. PRACTICALLY ALL OF CARTER COUNTY GRAIN BEING CUT FOR HAY DUE TO GRASSHOPPERS. ABOUT ONE-HALF OF A NORMAL CROP OF HAY AND ABOUT ONE-HALF NORMAL CROP OF GRAIN DUE TO DROUGHT, GRASSHOPPERS AND HAIL. A FEW DRY COWS BEING SHIPPED. ALL STOCK IN GOOD SHAPE AND DOING EXCELLENTLY, WITH SUFFICIENT RANGE AND WATER FOR THE SUMMER AND FALL. GRASSHOPPERS HAVE CAUSED SEVERE DAMAGE IN CARTER COUNTY AND PARTS OF FALLON COUNTY.

CHOUTEAU: - HOT AND DRY DURING WEEK. LIGHT SHOWERS STOPPED HARVEST FOR A FEW HOURS IN SOME COMMUNITIES. WINTER WHEAT HARVEST IS WELL UNDER WAY, WITH BELOW NORMAL YIELDS BUT OF GENERALLY GOOD QUALITY AND NO SMUT. ONLY FROM 10 TO 20 PER CENT OF SPRING WHEAT WILL BE HARVESTED FOR GRAIN. CORN CROP IS POOR. GRASS IS POOR. WATER HOLES VERY LOW. LIVESTOCK LOSING WEIGHT. LIVESTOCK SHIPPING INCREASING. MORMON CRICKETS DOING SOME DAMAGE TO LATE SPRING CROPS IN TWO COMMUNITIES SOUTH OF THE RIVER.

CUSTER-POWDER RIVER: ONLY A TRACE OF PRECIPITATION AT MILES CITY. LIGHT SHOWERS IN SOUTHERN CUSTER COUNTY AND THE VICINITY OF BROADUS IN POWDER RIVER COUNTY. TEMPERATURE IS HIGH. GROWING CONDITIONS POOR. HARVESTING IN PROGRESS. WINTER WHEAT VARIES ALL THE WAY FROM VERY POOR TO GOOD. SPRING WHEAT WILL BE GENERALLY POOR. CONSIDERABLE DRY LAND CORN SHOWING EFFECTS OF HEAT. ALFALFA SEED CROP PROSPECTS ARE VERY POOR. SUGAR BEETS IN THE VALLEY DOING VERY WELL EXCEPT IN PORTION COVERED BY HAIL STORM TWO WEEKS AGO. SUPPLIES OF IRRIGATION WATER DECREASING RAPIDLY. LIVESTOCK IN GENERAL CONTINUE IN GOOD SHAPE. SOME CATTLE MEN PLANNING ON SHIPPING THE LATTER PART OF THE MONTH AND SOME ACTIVITY IN LAMB CONTRACTING.

DANIELS: - SCATTERED SHOWERS. SOME HOT, DRYING DAYS. CROP CONDITIONS VERY GOOD FOR COUNTY. FEW FIELDS BURNED OUT AND HAIL DAMAGE IN SOUTHWESTERN PART OF COUNTY. EASTERN HALF OF COUNTY HAS EXCELLENT CROPS. LIVESTOCK IN EXCELLENT CONDITION.

DAWSON: - ABNORMAL HIGH TEMPERATURES, WITH HOT WINDS THE FOREPART OF THE WEEK, WITH THERMOMETER READINGS AT 111 FOR SUNDAY. COOLER THE LATTER PART OF THE WEEK. CROPS RIPENING FAST IN THE HEAT. LIVESTOCK ARE SUFFERING TO SOME EXTENT FROM HEAT AND INSECTS. GRASSES RIPENING AND CURING. FEED SUPPLY AMPLE. SCATTERED REPORTS OF GRASSHOPPER DAMAGE.

FERGUS: - NO PRECIPITATION. MAXIMUM TEMPERATURE 98, MINIMUM 41. WINTER WHEAT HARVEST STARTED IN PRACTICALLY ALL PARTS OF THE COUNTY. NOT FAR ENOUGH ALONG AS YET TO DETERMINE RESULTS. SPRING WHEAT ON AN AVERAGE IS VERY POOR. MANY FIELDS WILL NOT BE HARVESTED. LIVESTOCK IN GOOD CONDITION GENERALLY. SOME CATTLE WILL START MOVING TO MARKET THE FIRST OF THIS MONTH.

GALLATIN: - DRY, CLEAR AND SOMEWHAT WINDY. SECOND CUTTING OF ALFALFA UNDER WAY. CANNING PEA HARVEST NEARING COMPLETION. SEED PEA HARVEST UNDER WAY. YIELDS OF ALFALFA BOTH FIRST AND SECOND CUTTINGS ARE APPARENTLY BETTER THAN IN 1934. YIELDS OF WHEAT SHOWING WIDE VARIATION DEPENDING ON LOCALITY. WHERE CONDITIONS WERE FAVORABLE IN THE CENTRAL AND SOUTHWEST PORTIONS, 40 BUSHELS YIELDS ARE NOT UNCOMMON. IRRIGATED PASTURES HOLDING OUT MUCH BETTER THAN IN 1934.

GLACIER: - HEAVY WINDS SEVERAL DAYS OF WEEK, ESPECIALLY SUNDAY. NO PRECIPITATION. HOT AND DRY ALL WEEK. ONE OF THE WORST WINDS FOR YEARS ALL DAY SUNDAY, DOING DAMAGE TO TENDER GARDEN CROPS; BROKE HEADS OFF SOME GRAIN. LOTS OF DRYING WINDS THROUGHOUT WEEK. GRASSHOPPERS NUMEROUS BUT DOING SMALL DAMAGE. OUTLOOK FOR GRAIN YIELDS STILL CONTINUES POOR TO FAIR. YIELDS WILL BE LOWER THAN LAST YEAR. RANGE AND NATIVE HAY YIELDS POORER THAN LAST YEAR. LIVESTOCK IN GOOD SEASONAL CONDITION. A FEW LOADS GOING TO MARKET ON ACCOUNT OF SHORT RANGE.

GOLDEN VALLEY - MUSSELSHELL: ONE-FOURTH INCH RAINFALL; WEATHER VERY WARM WITH HOT WINDS. GRASSHOPPERS HAVE DAMAGED WINTER WHEAT ABOUT 50 PER CENT. TOTAL DAMAGE IN SPRING WHEAT. MORMON CRICKETS ARE BEGINNING TO DO SOME DAMAGE IN BIG COULEE IN GOLDEN VALLEY COUNTY. PEOPLE ARE HARVESTING JUST AS FAST AS THEY CAN TO GET AHEAD OF THE GRASSHOPPERS AND CRICKETS. LIVESTOCK CONDITIONS ARE GOOD IN GENERAL, WITH THE EXCEPTION OF A FEW LOCAL PLACES WHERE THEY ARE GETTING SHORT OF WATER, NECESSITATING MOVING OF LIVESTOCK TO OTHER PARTS OF THE COUNTY.

(CONTINUED ON PAGE 2.)





COUNTY SUMMARIES OF CROP CONDITIONS - WEEK ENDING AUGUST 3, 1935.

HILL: - 0.11 INCH PRECIPITATION DURING THE PAST WEEK. WEATHER CONDITIONS DURING WEEK HAVE BEEN FAVORABLE. CROP CONDITIONS ARE ABOUT THE SAME AS A WEEK AGO. HARVESTING STARTED DURING PAST WEEK. CONSIDERABLE HEADING BEING DONE, BUT VERY LITTLE COMBINING. THE RECENT RAINS HAVE IMPROVED RANGE CONDITIONS IN CERTAIN SECTIONS. LIVESTOCK IN GOOD CONDITION.

LAKE: - THE WEATHER HAS VARIED THIS WEEK; COOL FOR THE LARGER PART; SOME WIND ON TWO DAYS; THERE WERE A FEW SHOWERS BUT NOT ANY APPRECIABLE AMOUNT. THE WHEAT CROP OF HAY IS ABOUT READY TO CUT. PEAS ARE BEING HARVESTED AND ARE OF AVERAGE VOLUME. THE SWEET CHERRY CROP WILL MAKE THE SAME TOTAL AS LAST YEAR, BUT THE YIELD PER TREE WILL NOT BE QUITE AS HEAVY. LIVESTOCK IN GOOD CONDITION. PASTURES FAIR. SOME LAMBS ARE GOING TO MARKET AT AVERAGE WEIGHTS.

LEWIS & CLARK: VERY CHANGEABLE WEATHER DURING WEEK, RANGING FROM 50 TO 90 DEGREES; CONSIDERABLE WIND AND VERY LOW HUMIDITY. SNOW FELL ON THE MOUNTAINS WEST OF AUGUSTA ON WEDNESDAY NIGHT. HARVEST OF WINTER WHEAT IN FULL SWING, WITH MODERATE YIELDS AROUND 12 TO 14 BUSHEL PER ACRE. STACKING OF WILD HAY ABOUT COMPLETE. ALL GRAINS RIPENING RAPIDLY. CATTLE BUYERS BECOMING ACTIVE, BUT NO SALES REPORTED THIS WEEK. CATTLE ARE GENERALLY IN GOOD CONDITION AND HARDENING UP ON THE CURED GRASS. GRASSHOPPERS MOVING AROUND CONSIDERABLY AS RANGES AND CROPS DRY UP IN SOME LOCALITIES.

MISSOULA: - WARM DAYS; COOL NIGHTS; RAIN MIDDLE OF WEEK; GOOD GROWING WEATHER. GRAIN HARVESTING IN FULL PROGRESS. YIELDS REPORTED LOW. HAYING IN ALL STAGES OF PROGRESS, DEPENDING ON KIND OF CROP AND LOCALITY. SOUR CHERRY CROP NEARLY ALL HARVESTED. SUGAR BEETS AND POTATOES MAKING GOOD GROWTH. IRRIGATION WATER FROM SMALL STREAMS IS REDUCED. RANGES AND STOCK IN GOOD CONDITION.

PHILLIPS: - LOCAL SHOWERS HAVE IMPROVED MOISTURE CONDITIONS. HAIL LATE LAST WEEK FOLLOWED VALLEY BELOW MALTA AND DAMAGED CROPS FROM 10 TO 30 PER CENT. HOT WEATHER FOREPART OF WEEK; COOLER LATTER PART. LATE CROPS DOING WELL. HARVESTING GRAIN IN SOME AREAS. GRAIN CROP STILL ESTIMATED ABOUT 35% OF NORMAL. LIVESTOCK CONDITION IMPROVING WITH IMPROVEMENT OF RANGE. FEED AND WATER CONDITIONS LOOK GOOD GENERALLY.

PONDERA: - MOST OF THE WEEK WINDY AND WARM. WINTER WHEAT APPROXIMATELY READY FOR HARVEST. SPRING WHEAT ON THE WHOLE HAS IMPROVED CONSIDERABLY OVER PREVIOUS DRY REPORTS AND FILLING IN SPLENDID SHAPE. MAJOR PORTIONS OF THE COUNTY WILL PROBABLY EXCEED TOTAL WHEAT BUSHEL PRODUCTION IN 1934. SOME PORTIONS OF THE EASTERN SECTION OF THE COUNTY NOT AS GOOD, BUT A FAIR CROP OF WHEAT IS EXPECTED. OATS AND BARLEY, ESPECIALLY, WILL PRODUCE A HEAVY TONNAGE OF FEED THIS YEAR IN THAT THE MID-JULY RAINS CAME TO THE RESCUE AND HELPED THE FILLING. NATIVE PASTURES HAVE BEEN GOING DOWN HILL STEADILY DUE TO THE HEAT AND LACK OF MOISTURE, CHIEFLY. SWALES AND COULEES COMING BACK SLIGHTLY. NATIVE PASTURES, ESPECIALLY IRRIGATED VARIETY, IN GOOD SHAPE CONSIDERING A FACTOR OF OVER-GRAZING IN MOST CASES. SOME CATTLE MOVING OUT AND IN SOME CASES LEASES BEING CHANGED.

PRAIRIE: - NO PRECIPITATION. WEATHER HOT AND DRY. MAXIMUM TEMPERATURE 111 DEGREES. HOT DRY WEATHER AND HOT WINDS HAVE INJURED CROPS, MOST OF THEM BEING PUT UP FOR FORAGE. SOME HEADINGS ESTIMATED AT 1 TO 3 BUSHEL PER ACRE. VERY LITTLE RUST REPORTED. GRASSHOPPERS FLYING IN AND ARE TAKING THE RANGES IN NORTHWEST PORTION OF PRAIRIE COUNTY. LIVESTOCK IS IN GOOD CONDITION. RANGE AND PASTURE FAIR.

RICHLAND: - CONSIDERABLE WIND AND HAIL DURING LAST PART OF WEEK. PARTS OF COUNTY LOOK COMPARATIVELY GOOD, BUT THE WESTERN PART OF THE COUNTY HAS BEEN HAILED OUT BADLY. SECOND CUTTING OF HAY IN FULL SWING. SOME BLACK RUST BEING REPORTED. ALSO CONSIDERABLE DAMAGE BEING DONE BY GRASSHOPPERS.

ROOSEVELT: JULY PRECIPITATION 3 TO 4 INCHES IN EACH END OF COUNTY AND 5 $\frac{1}{2}$  INCHES IN CENTRAL DISTRICT. SEVERAL SHOWERS DURING THE WEEK WITH HAIL IN TWO LOCALITIES. WEATHER HOT DURING FOREPART OF WEEK. RUST INCREASING. BINDER HARVEST STARTED. MANY FARMERS CUTTING OATS TO PREVENT FURTHER DAMAGE BY HOPPERS. HOPPERS DAMAGING FLAX MORE THAN OTHER CROPS. OATS AND BARLEY CROPS EXCEPTIONALLY GOOD. CORN AND GARDENS FINE. COMBINE HARVEST STARTING EARLY NEXT WEEK.

ROSEBUD: - WEATHER HOT DAYS AND NIGHTS ENTIRE WEEK; NO RAIN. WINTER WHEAT HARVEST STILL IN PROGRESS. YIELDS ARE STILL GOOD, RUNNING FROM 10 TO 40 BUSHEL. QUALITY GOOD. ALL IRRIGATED CROPS MAKING GOOD GROWTH. GRASSHOPPERS AND CRICKETS DOING DAMAGE. CONTROL WORK STILL IN PROGRESS. ALL LIVESTOCK IN EXCELLENT SHAPE. GRASS GOOD.

SANDERS: - NO PRECIPITATION. AVERAGE MAXIMUM TEMPERATURE 84, AVERAGE MINIMUM 48. PEA HARVEST STARTING, WITH FAIR YIELDS. GRAIN HARVEST ABOUT 75% COMPLETED, WITH AVERAGE YIELD ABOUT 25% BELOW NORMAL. SECOND CROP ALFALFA UNDER IRRIGATION MAKING RAPID GROWTH AND WILL BE READY TO CUT WITHIN 10 DAYS. SPRING GRAIN ON DRY LAND POOR FROM LACK OF MOISTURE. AMPLE SUPPLY OF WATER FOR IRRIGATION PROJECTS. LIVESTOCK IN GOOD CONDITION. CONSIDERABLE GRASS FAT CATTLE GOING TO MARKET.

SHERIDAN: - SOME HIGH TEMPERATURES DURING WEEK. SOME AREAS IN COUNTY RECEIVED MORE RAIN. CROP CONDITIONS FAIR IN MOST AREAS. SOME OF THE DRYER AREAS HAD HEAVY RAINS WHICH ARRIVED TOO LATE TO HELP THE EARLY CROPS, BUT WILL BE OF VALUE TO CORN AND FEED CROPS. CROPS ARE HEAVY ALONG CANADIAN BORDER AND IN SOUTHWEST CORNER, BUT POOR IN SOUTHEAST SECTION OF COUNTY. RUST DAMAGE UNCERTAIN BUT MODERATE. GRASSHOPPERS WILL DO SOME DAMAGE TO FLAX AND LATE CROPS.





COUNTY SUMMARIES OF CROP CONDITIONS - WEEK ENDING AUGUST 3, 1935.

STILLWATER: VERY HOT ON SATURDAY AND FIRST PART OF WEEK. LATTER PART OF WEEK COOLER. HOT WIND ON SATURDAY AND HOT DAYS THE FIRST OF WEEK RIPENING GRAIN VERY FAST. HARVEST ON WINTER WHEAT STARTED THROUGHOUT THE COUNTY. SPRING WHEAT YIELDS WILL BE LOW DUE TO DRY WEATHER AND GRASSHOPPER DAMAGE WITH A LARGE PERCENTAGE OF IT BEING CUT FOR HAY. SECOND CROP OF ALFALFA WILL BE LIGHT, WITH CONSIDERABLE DAMAGE BEING DONE BY GRASSHOPPERS. IN GENERAL, LIVESTOCK ARE IN GOOD CONDITION ALTHOUGH A NUMBER OF STOCKMEN AND FARMERS ARE GETTING SHORT OF GRASS. GRASSHOPPERS DOING CONSIDERABLE DAMAGE TO RANGE.

SWEET GRASS: GENERAL GROWING CONDITIONS GOOD IN IRRIGATED SECTION. BADLY DAMAGED BY HOPPERS AND DRY WEATHER IN DRY LAND SECTION. BATTLE RYAL WITH HOPPERS IN IRRIGATED SECTION TO SAVE GRAIN, GARDEN AND HAY CROPS. PASTURES IN LOWER FOOT HILLS BADLY DAMAGED FROM DROUTH AND HOPPERS. FEW CATTLE BEING SHIPPED. STRONG DEMAND FOR HIGHER UP PASTURES. PUTTING OUT A CAR OF HOPPER BAIT DAILY IN THE COUNTY. MOST OF HOPPERS NOW IN THE VALLEYS AND IN CROPS.

TETON: - - HIGH TEMPERATURE FOR WEEK WAS 98 AND LOW 40 DEGREES. HOT WINDS PAST WEEK HAVE SERIOUSLY CUT WHEAT YIELDS. WINTER WHEAT IN COUNTY BEING CUT. HOPPERS FLYING AND DOING CONSIDERABLE DAMAGE. LIVESTOCK MOVING TO MARKET.

TOOLE: - HOT AND DRY DURING THE PAST WEEK. CROPS THAT WERE NOT BURNED OUT ARE FILLING VERY WELL DUE TO THE RAINS OF LAST WEEK. SOME DAMAGE APPARENT FROM SAY'S PLANT BUG. RANGE HAS IMPROVED MATERIALLY DURING THE PAST WEEK.

VALLEY: - THE WEEK HAS BEEN CHARACTERIZED BY COOLER WEATHER WITH FREQUENT SHOWERS THROUGHOUT THE COUNTY AND WITH ONE VERY DESTRUCTIVE HAIL STORM CROSSING THE COUNTY IN A NORTHEASTERLY DIRECTION, PARTICULARLY DAMAGING THE IRRIGATED SECTION FROM BEAVERTON TO TAMPICO AND FROM THERE CROSSING SOME OF THE BETTER DRY LAND CROPS. THE STRIP RANGED FROM 10 TO 15 MILES IN WIDTH. CROPS RANGE FROM VERY GOOD TO COMPLETE FAILURES IN THE DRY LAND SECTIONS, DEPENDING UPON METHOD OF FARMING AND LOCAL SHOWERS. CROPS ARE ESPECIALLY GOOD IN THE NORTHEASTERN PART OF THE COUNTY. IRRIGATED CROPS IN GOOD CONDITION EXCEPTING FOR HAIL DAMAGE. MOST OF THE BEET GROWING AREA IS BADLY DAMAGED BY HAIL. THE SECOND CROP OF HAY IS PRACTICALLY IN THE STACK. LIVESTOCK IN GENERAL IS IN GOOD CONDITION, WITH RANGES BETTER THAN USUAL EXCEPTING IN THE SOUTHWEST PART OF THE COUNTY, WHERE GRASSHOPPER DAMAGE IS BECOMING SERIOUS.

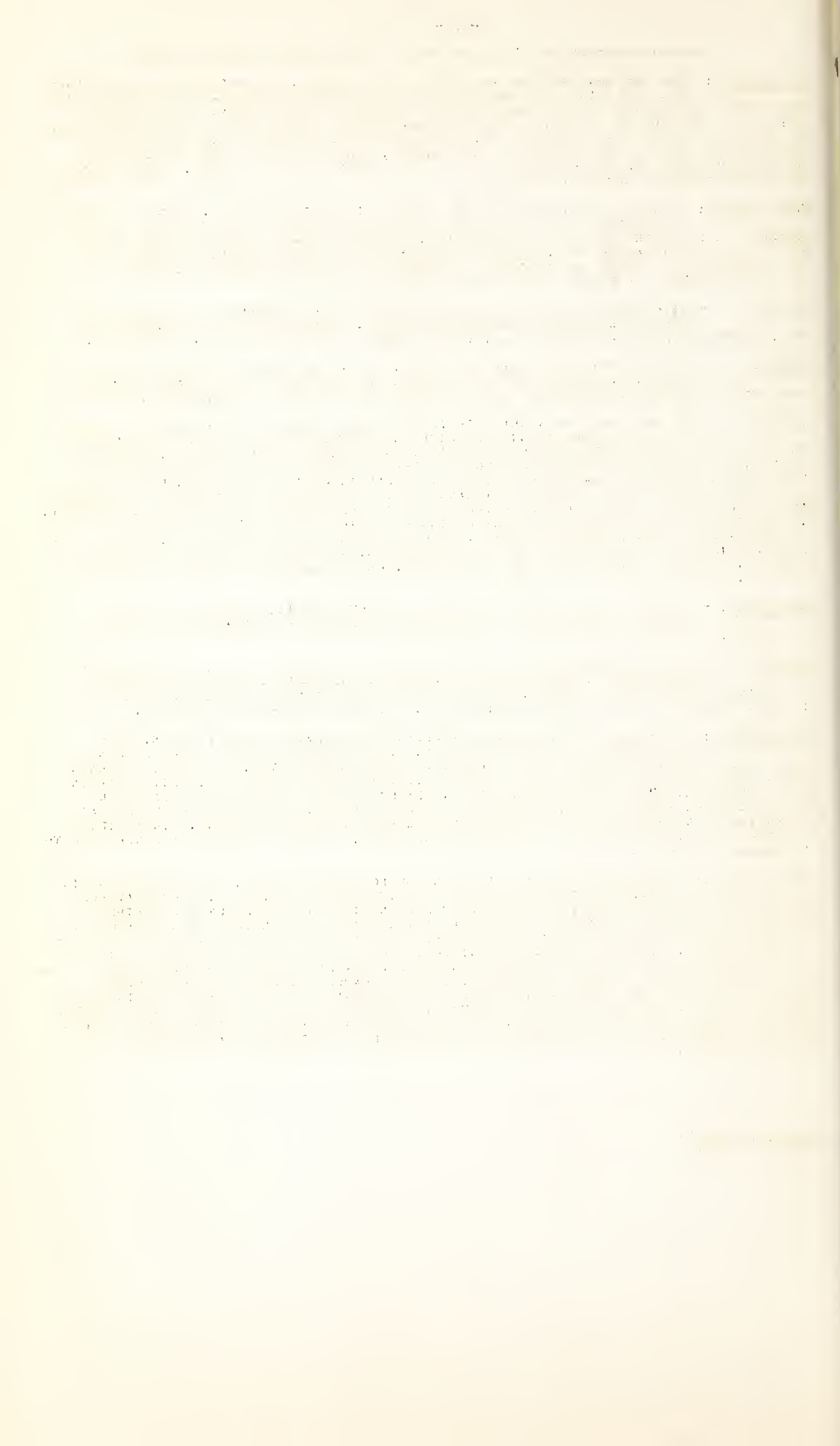
WHEATLAND: - HOT AND DRY ALL WEEK WITH SMALL AMOUNT OF RAIN; SOME WHEAT IN THE COUNTY IS BEING CUT FOR HAY AS THE GRASSHOPPER SITUATION IS SO BAD IN ALL PARTS.

WIBAUX: - NO PRECIPITATION DURING WEEK. FIRST OF WEEK VERY HOT, WHICH WILL REDUCE YIELDS. HARVESTING OF WHEAT IN FULL SWING. RUST IS INJURING CROPS IN EASTERN PART OF COUNTY. RANGES IN VERY GOOD CONDITION. NEARLY ALL WOOL IN COUNTY MARKETED. TOP PRICE RECEIVED 21¢. LIVESTOCK IN EXCELLENT SHAPE.

YELLOWSTONE: HOT AND CLEAR FIRST PART OF WEEK. COOLER LATTER PART OF WEEK, WITH COLD NIGHTS. NO PRECIPITATION. WINTER WHEAT HARVEST IN FULL SWING IN ALL DISTRICTS. SOME EARLY SPRING WHEAT ALSO BEING HARVESTED. ALL GRAIN RIPENING FAST. BEETS, BEANS AND OTHER CROPS IN THE VALLEY IN GOOD CONDITION. LIVESTOCK IN GOOD CONDITION. PASTURES AND RANGE FAIR. EXPECT TO WIND UP POISONING CAMPAIGN NEXT WEEK WHEN SUPPLY OF BAIT ON HAND WILL BE EXHAUSTED. FARMERS STILL USING BAIT EXTENSIVELY IN THE VALLEY FOR PROTECTION OF ALFALFA, GRAIN AND BEANS. IN ADDITION TO DAMAGE PREVIOUSLY REPORTED ON ALFALFA AND GRAIN, IRRIGATED FARMERS ARE NOW REPORTING DAMAGE TO BEANS.

JUDITH BASIN: PRACTICALLY NO PRECIPITATION DURING THE PAST WEEK. MOST OF THE GRAIN RIPENING VERY FAST AND A LOT OF IT ALREADY HARVESTED. TEMPERATURES HAVE BEEN VERY HIGH ON SOME DAYS AND VERY LOW ON OTHERS. EXTREMELY HOT WEATHER ON SATURDAY AND SUNDAY OF LAST WEEK HAVE HAD A TENDENCY TO RIPEN THE GRAIN VERY FAST. ALL INDICATIONS FOR THE CROP CONDITIONS THIS YEAR ARE FOR RATHER POOR CROPS THROUGHOUT THE COUNTY. IN A FEW SMALL COMMUNITIES, THE CROP WILL BE SLIGHTLY BETTER; TAKING THE COUNTY AS A WHOLE, THE AVERAGE WILL PROBABLY BE ABOUT THE SAME AS LAST YEAR OR NOT AS MUCH. SOME OF THE WHEAT IS BEING HAULED DIRECTLY TO THE ELEVATOR AND SOME STORED ON THE FARMS. THE FEED CONDITIONS WILL BE SLIGHTLY BETTER THIS YEAR THAN LAST DUE TO THE EARLY SPRING MOISTURE. LIVESTOCK HAVE NOT STARTED GOING ON THE MARKET YET AND ARE COMING ALONG IN VERY GOOD FLESH AND THE RANGE IS HOLDING UP WELL SO FAR. INDICATIONS ARE THAT THERE WILL STILL BE A SHORTAGE OF RANGE GRASSES FOR WINTER FEEDING.

HELENA, MONTANA.  
AUGUST 7, 1935.



UNITED STATES DEPARTMENT OF AGRICULTURE  
Weather Bureau — Bureau of Agricultural Economics

REPORT OF WEATHER AND CROP CONDITIONS IN MONTANA  
Week Ending Tuesday, August 13, 1935.

*Issued jointly by the Division of Crop and Livestock Estimates and the Weather Bureau.  
Offices: Fourth Floor, Federal Office Building, Helena, Montana.*

While comparatively cooler temperatures were recorded on the 11th and 12th, most of the week was extremely hot. Maxima readings occurred on the 9th or 13th in the west, and on the 10th in the east. Readings exceeding 100°, and hitting 108° at Glendive for the week's high, were reported almost everywhere in the east, and nowhere in the west. Cloudiness was generally of a nature that permitted sunshine to approach closely the highest possible percentage. It was extremely dry, and similar to the preceding week in that respect. The few inconsequential showers reported were those that occurred on the 10th in the north-central part of the State. High winds increased the drying and burning effects of the extreme heat and bright sunshine.

Weather conditions were generally favorable for farm activities. Harvesting got into full swing, with some heading, some combining, and some threshing. Preparation of the soil went forward and fall seeding was begun in some areas. Cutting of the second crop of alfalfa and the last of the wild hay crop and timothy proceeded with no interruption from the weather other than a little hindrance from high winds in Glacier County. Harvesting of the cherry crop was completed in all sections of the west with the exception of around Flathead Lake, where it remained in full swing.

Ranges and late crops suffered from the extreme heat, high winds, and lack of moisture. Conditions on drylands, where rains have been badly needed for some time, continued to grow worse. Conditions on irrigated lands were mostly satisfactory and good growth of all crops were reported although continued lowering of the water supply has become increasingly detrimental. Grasshoppers took heavy toll of maturing grain, while rust continued to attack fields of wheat in the northeastern and east-central sections, which are the only portions of the State affected. Rust came too late to hurt the winter wheat crop, and is not expected to do material damage to the spring wheat other than locally.

Weather conditions during the week were favorable for ripening late grains under irrigation and in those northwestern and northeastern parts of the State where the supply of soil moisture has been fairly adequate; elsewhere, there was considerable shrivelling of kernels. Winter wheat has been mostly harvested, and a good start made on the harvest of spring grains. Much spring grain, however, will not be cut in central and eastern areas. Threshing of wheat, oats, and barley, has started and shows a wide variety of yields, and generally under earlier expectations because of hot, dry weather prevailing during the filling period. Most of the seed pea crop has been harvested with good results, although the yield is below last year's in the Flathead district. Sugar beets continue good and making excellent progress. Potatoes are fairly good, although not setting many tubers in the Flathead district. The alfalfa seed crop is yielding well in the west, but is reported the poorest in 15 years in the southeast. Corn was reported making good growth in only a few places; generally, it was reported burning and showing a stunted growth. Gardens dried to some extent. Forests and prairies are presenting a more serious fire hazard every day.

The condition of livestock remains good for most of the State. Drought and scarcity of feed continues to force disposal of some in central areas, and movement of others to better grazing areas. Cream and milk production continues to fall off. Ranges are exceedingly dry and in need of rain to make fall and winter feed over a good portion of the State. Grass is cured and dusty on all but the higher ranges. Grasshoppers heavily infest and are damaging irrigated pastures and meadows.

WEEKLY TEMPERATURE AND PRECIPITATION DATA

| Station           | Highest temperature | Lowest temperature | Total Precipitation |
|-------------------|---------------------|--------------------|---------------------|
| Billings .....    | 102                 | 57                 | T                   |
| Bozeman .....     | 94                  | 45                 | 0.00                |
| Cut Bank .....    | 92                  | 43                 | 0.05                |
| Glasgow .....     | 103                 | 48                 | 0.00                |
| Glendive .....    | 108                 | 51                 | 0.00                |
| Great Falls ..... | 95                  | 47                 | 0.00                |
| Havre .....       | 100                 | 54                 | 0.06                |
| HELENA .....      | 94                  | 51                 | 0.00                |
| Kalispell .....   | 92                  | 44                 | 0.00                |
| Lewistown .....   | 96                  | 44                 | 0.00                |
| Miles City .....  | 107                 | 58                 | T                   |
| Missoula .....    | 98                  | 44                 | 0.00                |

*W. E. Maughan, Weather Bureau.  
J. G. Diamond, Division of Crop and Livestock Estimates.*

*August 14, 1935.  
Helena, Montana.*





THE FOLLOWING COUNTY SUMMARIES OF CROP CONDITIONS FOR WEEK ENDING AUGUST 10, 1935, ARE FURNISHED THROUGH THE COURTESY OF DIRECTOR J. C. TAYLOR, MONTANA STATE EXTENSION SERVICE.

BEAVERHEAD: HOT AND DRY--BADLY IN NEED OF RAIN. IRRIGATION WATERS LOW; CROPS ARE BURNING FROM HEAT AND DRYING WINDS AND LACK OF MOISTURE. RANGE EXCEEDINGLY DRY AND BURNING; CONDITION OF LAMBS ONLY FAIR; NOT SO MANY FAT LAMBS AS EXPECTED. GRASSHOPPER CONDITION AT DELL UNDER CONTROL, A FUNGUS GROWTH HAVING DEVELOPED ON THE GRASSHOPPERS WHICH IS KILLING THEM.

BLAINE: - TRACE OF PRECIPITATION SUNDAY IS THE ONLY MOISTURE THIS WEEK. MUCH WARMER AND CONSIDERABLE WIND. GROWING CONDITIONS ONLY FAIR. NO MATERIAL CHANGE IN CROP CONDITIONS OVER PREVIOUS WEEK. HARVESTING GETTING A PRETTY FAIR START. SECOND CUTTING ALFALFA JUST STARTING. BLUE JOINT HAYING STARTING IN THE EASTERN PORTION OF THE COUNTY. BEET CROP IN EXCELLENT CONDITION. SOME GRASSHOPPER DAMAGE IN SOUTHERN PART OF COUNTY. LIVESTOCK IN EXCELLENT CONDITION. RANGE BECOMING SOMEWHAT SPOTTED.

CARBON: - WEATHER VERY HOT AND DRY THIS WEEK. MAXIMUM TEMPERATURE 79 AND MINIMUM TEMPERATURE 49 DEGREES. NO PRECIPITATION. HOPPERS ARE VERY ACTIVE. GRAIN HARVEST IN FULL SWING WITH VERY LIGHT YIELDS ON DRY LAND. SECOND CUTTING OF HAY IS BEING TAKEN CARE OF. QUITE A BIT OF LIVESTOCK IS BEING SHIPPED. GRASSHOPPERS ARE DOING SOME DAMAGE TO RANGE.

CASCADE: - HOT, DRY WEATHER WITH NO PRECIPITATION. WINTER WHEAT HARVESTING IS ABOUT 85 PER CENT COMPLETE WITH FAIR YIELDS REPORTED. HOT, DRY WINDS HAVE PRACTICALLY ELIMINATED ALL SPRING WHEAT EXCEPT IN THE IRRIGATED SECTIONS. ALFALFA, SEED PEAS, SUGAR BEETS AND POTATOES IN THE IRRIGATED DISTRICTS ARE BETTER THAN AVERAGE, WITH GOOD PROSPECTS OF A CROP. GRASSHOPPERS ARE DOING SOME DAMAGE AND THE NUMBERS OF CRICKETS INDICATE PROBABLE TROUBLE AGAIN NEXT YEAR. GREEN BUGS ARE PLENTIFUL, BUT BECAUSE OF SPRING GRAIN BEING ELIMINATED BY DROUTH, ARE NOT DOING ANY GREAT AMOUNT OF DAMAGE. RANGES ARE DRYING UP VERY RAPIDLY AND QUITE A FEW CATTLE ARE BEING SHIPPED BECAUSE OF THE POOR FEED PROSPECTS IN DRYLAND SECTIONS. BOTH CATTLE AND SHEEP ARE STILL IN FAIR CONDITION AND CAN BE SHIPPED SATISFACTORILY.

CHOUTEAU: - HOT AND DRY ALL WEEK WITH NO MOISTURE. WINTER WHEAT HARVEST NEARING COMPLETION; SPRING GRAIN HARVEST STARTED THIS WEEK.

CUSTER-POWDER RIVER: TEMPERATURES HIGH WITH ALMOST DAILY WINDS. NO PRECIPITATION. WHEAT THAT IS MAKING ANY CROP IS BEING HARVESTED, BUT CROPS VERY SPOTTED. SOME WINTER WHEAT GOING 20 BUSHELLS BUT SPRING WHEAT NOT IN EXCESS OF 7 OR 8 BUSHELLS, AND MUCH NOT WORTH CUTTING. ALFALFA SEED PROSPECTS POOREST IN PAST FIFTEEN YEARS. HOPPERS DOING DAMAGE TO BOTH CROPS AND RANGE. CATTLE STILL HOLDING DOWN ON CONDITION. LAMBS STILL DOING WELL. LAMBS CONTRACTING ACTIVE AT 6¢. NO CATTLE SHIPPED YET.

DANIELS: - PRECIPITATION APPROXIMATELY .05 INCH. GRASSHOPPERS, SAW FLIES AND RUST FAST DECREASING YIELD PROSPECTS. QUITE A LOT OF GRAIN IN THE SHUCK. COMBINING WILL BE IN FULL SWING IN 10 DAYS. COUNTY AVERAGE MAY BE 8 BUSHELLS. LIVESTOCK IN FINE CONDITION--FEW BEING MARKETED.

DAWSON: - WEATHER HOT, WITH QUITE A LOT OF WIND AND NO PRECIPITATION. HARVESTING GETTING INTO PROGRESS QUITE GENERALLY WITH YIELDS NOT AS GOOD AS WAS ANTICIPATED. SOME REPORTS OF RUST IN ISOLATED SPOTS. CORN REPORTED BURNING QUITE BADLY. LIVESTOCK SUFFERING TO SOME EXTENT WITH HEAT AND INSECTS, BUT SEEM TO BE HOLDING THEIR OWN FAIRLY WELL.

FALLON-CARTER: HOT AND DRY THE PAST WEEK. HARVEST IN FULL SWING. FARMERS SPEEDING WORK AS MUCH AS POSSIBLE AS GRASSHOPPERS ARE DOING SO MUCH DAMAGE IN BOTH FALLON AND CARTER TO GRAIN AND ALSO TO ALFALFA FIELDS. GRASSHOPPERS HAVE ALREADY CAUSED A GREAT DEAL OF DAMAGE AND ARE STILL VERY BAD IN SOME LOCALITIES.

FERGUS: - PRECIPITATION 0.02 INCH. MAXIMUM TEMPERATURE 88 MINIMUM 35 DEGREES. HARVESTING IS FAIRLY WELL UNDER WAY IN ALL PARTS OF THE COUNTY. FEW CARLOADS OF LIVESTOCK HAVE STARTED FOR MARKET.

FLATHEAD: - NO RAIN PAST WEEK--GROUND GETTING QUITE DRY. GROWING CONDITIONS FAIR. PEA HARVEST WELL ALONG; SOME THRESHING OF PEAS SHOWS NOT AS HIGH A YIELD AS EXPECTED. WINTER WHEAT BEING CUT. POTATOES IN GOOD SHAPE. SOME LIVESTOCK BEING SHIPPED. FEW LAMBS SOLD. CREAM PRODUCTION DROPPING. PASTURES IN FAIR SHAPE.

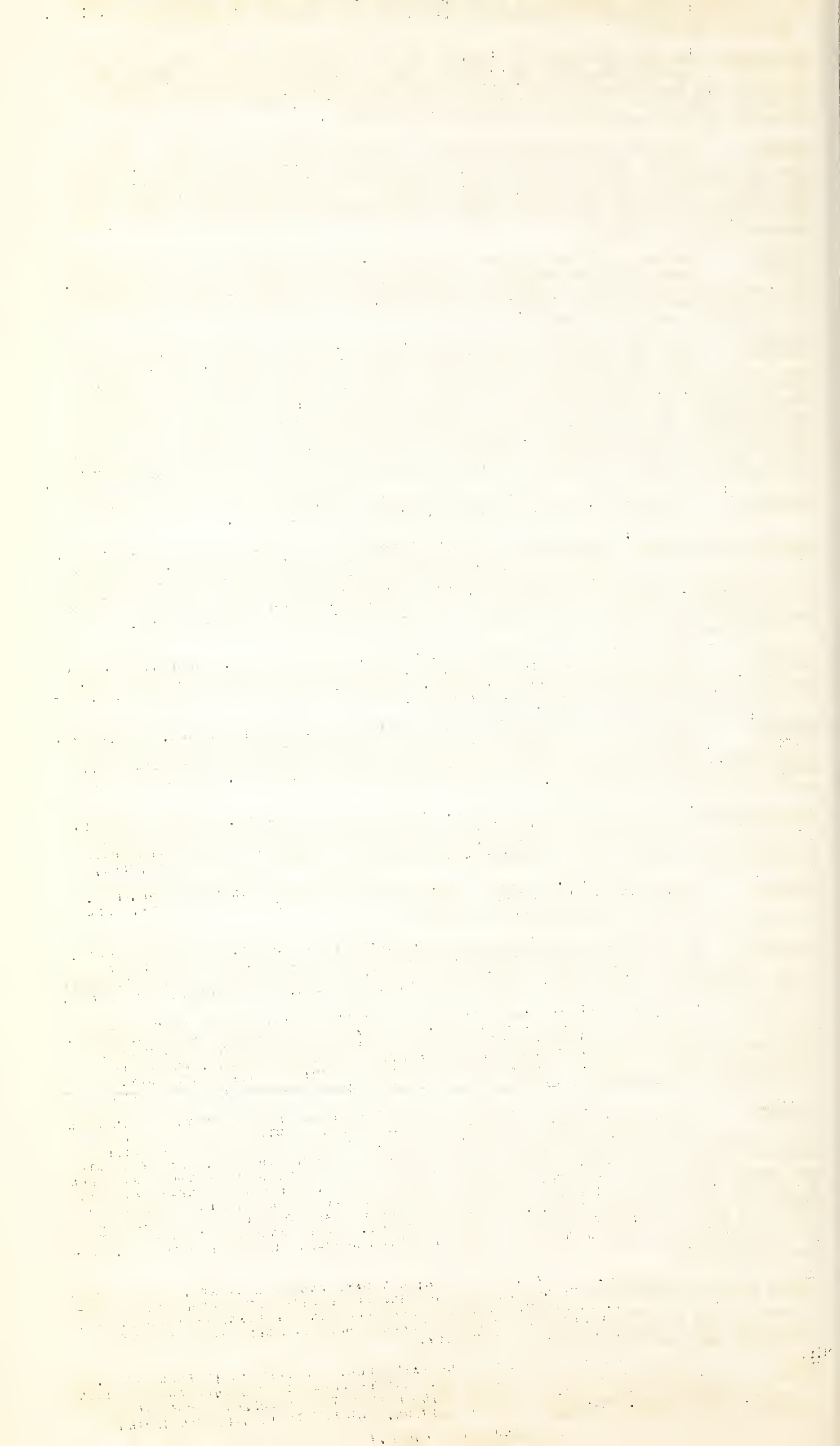
GALLATIN: - NO PRECIPITATION. WHEAT HARVEST CONTINUES IN FULL SWING WITH YIELDS VARYING FROM QUITE LOW IN THE AREAS THAT WERE RECENTLY HAILED AND WHERE WHEAT WAS BURNED, TO VERY GOOD IN SECTIONS OF MORE FAVORABLE GROWING CONDITIONS. SPRING WHEAT RIPENING FAST. FINAL SOIL PREPARATION FOR FALL SEEDING, AND A FEW STARTED THE ACTUAL SEEDING. PEA HARVEST AND SECOND CUTTING ALFALFA UNDER WAY. RANGE LIVESTOCK IN GOOD SHAPE EVEN IN AREAS WHERE PASTURE IS ORDINARILY NOT TOO GOOD.

GLACIER: - NO PRECIPITATION. WINDY ABOUT HALF THE WEEK. HOT AND DRY. GRAIN ALONG THE CANADIAN BORDER WILL MAKE NORMAL YIELD. SOUTH OF BORDER CROPS ARE POOR. GRASSHOPPERS BEING POISONED ON A FEW FARMS. CRICKETS SPREADING OVER WIDE AREA BUT DOING SLIGHT DAMAGE. RANGE GRASS GENERALLY CURED. THE HEAVY EARLY GROWTH AND SUBSEQUENT DRY WEATHER HAS MADE RANGE LIABLE TO FIRE HAZARD ALTHO THERE HAS BEEN NO SERIOUS PRAIRIE FIRE TO DATE. FOREST FIRE IN FOOTHILLS OF ROCKIES NEAR CANADIAN BORDER BURNED 18 SQUARE MILES, OF WHICH CONSIDERABLE WAS SUMMER RANGE. SEVERAL SHEEP HAD TO BE MOVED TO ESCAPE THE FIRE. WINDY WEATHER OF PAST TWO WEEKS HAS HINDERED HAYING OPERATIONS. LIVESTOCK ALL IN GOOD CONDITION. SOME RANGE SHORT ON ACCOUNT OF OVER-GRAZING IN PREVIOUS YEARS. WATER SITUATION NORMAL. LAMBS REPORTED CONTRACTED AT 6½¢ HERE.

GOLDEN VALLEY-MUSSELSHELL: NO RAIN THIS WEEK; HOT DAYS AND COOL NIGHTS. CROP CONDITIONS STEADILY GROWING WORSE WITH HOT WEATHER AND GRASSHOPPERS EATING EVERYTHING IN SIGHT. RANCHERS ARE REPORTING SHORTAGE OF FEED IN SOME LOCALITIES AND SHORTAGE OF WATER IN OTHERS. HOPPERS HAVE DAMAGED GRASS IN MANY LOCALITIES AND SHORTAGE OF FEED IS A CERTAINTY.

HILL: - A TRACE OF PRECIPITATION FOR THE PAST WEEK. HARVEST IS IN FULL SWING. CONSIDERABLE OATS AND BARLEY CUT. WINTER WHEAT IS COMBINED AND COMBINING OF SPRING WHEAT WELL UNDER WAY. YIELDS RUNNING FROM 6 TO 8 BUSHELLS. WHEAT OF GOOD QUALITY IN TEST WEIGHT. RANGES IN FAIR CONDITION. LIVESTOCK IN GOOD CONDITION.

(CONTINUED ON PAGE 2.)





LAKE: - NO RAIN THIS WEEK. WEATHER VERY HOT AND CROPS IN GENERAL HAVE SUFFERED FROM LACK OF MOISTURE. SWEET CHERRY HARVEST COMPLETED. FALL WHEAT IS BEING THRESHED AND YIELDS ARE ABOUT 60% OF NORMAL. SPRING WHEAT IS ABOUT READY FOR HARVEST AND APPEARS TO BE SHORT STRAWED AND TO MAKE A LOW YIELD. PEAS ARE YIELDING HIGH. BEETS MAKING FAIR GROWTH. PASTURES DRYING UP. LIVESTOCK IN GOOD CONDITION.

LEWIS & CLARK: WEATHER HOT AND EXTREMELY DRY DURING THE WEEK. SEVERAL WINDY DAYS. HARVESTING OF WINTER WHEAT MORE THAN HALF COMPLETED, AND SPRING WHEAT HARVEST HAS STARTED. YIELDS ARE BELOW EXPECTATION BECAUSE WEATHER CONDITIONS WERE EXTREMELY DRY WHILE GRAIN WAS FILLING. PREPARATIONS BEING MADE TO SHIP CATTLE AND BUYERS ARE QUITE ACTIVE. PRACTICALLY ALL GRASS EXCEPT ON THE HIGHEST RANGES HAS EITHER DRIED UP ENTIRELY OR CURED. CURED GRASS FOR WINTER FEEDING WILL BE ADEQUATE IN THE NORTHERN PART OF COUNTY BUT VERY SHORT IN SOUTHERN PART. LATE DAMAGE FROM GRASSHOPPERS MOVING IN HAS BEEN REPORTED FROM SEVERAL SECTIONS OF THE COUNTY. MORMON CRICKETS REPORTED IN SMALL NUMBERS FROM SEVERAL LOCALITIES WHERE THEY HAVE NOT BEEN SEEN BEFORE.

MISSOULA: - WARM DAYS; COOL NIGHTS; NO RAIN; EXCELLENT HARVEST WEATHER. HARVESTING OF WINTER AND SPRING GRAIN IN FULL PROGRESS. HAYING PRACTICALLY COMPLETED. SOME HAYING STILL IN PROGRESS ON SECOND CROP. ALFALFA AND LATE TIMOTHY OR WILD HAY. CHERRY CROP PRACTICALLY HARVESTED. POTATOES AND SUGAR BEETS MAKING GOOD GROWTH. IRRIGATION WATER GETTING LOW IN ALL STREAMS EXCEPT MISSOULA RIVER. RANGES DRYING UP BUT LIVESTOCK STILL IN GOOD CONDITION.

PARK: - - NO PRECIPITATION. HOT DRY WINDS PREVAILED ALL WEEK. IN SOME PARTS OF COUNTY FARMERS ARE HAVING TO CUT THEIR GRAIN TO SAVE IT FROM GRASSHOPPERS. WHERE THERE IS NO IRRIGATION WATER AVAILABLE, CROPS ARE BURNING BADLY. LIVESTOCK IN GOOD CONDITION.

PHILLIPS: - NO RAIN THIS WEEK. CONTINUED HOT WEATHER WITH COOL NIGHTS. GROWING CONDITIONS GOOD IN VALLEY AND OTHER AREAS WHERE MOISTURE IS SUFFICIENT. HARVESTING IN FULL SWING. QUALITY OF GRAIN HARVESTED FAIRLY GOOD; YIELDS REPORTED RANGE FROM 5 TO 20 BUSHEL. ALL CROPS UNDER IRRIGATION LOOK GOOD. LIVESTOCK CONDITION CONTINUES TO IMPROVE. FEED PROSPECTS SATISFACTORY EXCEPT IN PORTIONS OF SOUTH END, WHERE HAIL, DROUTH AND GRASSHOPPERS HAVE CAUSED SEVERE DAMAGE.

PONDERA: - WEATHER HOT AND WINDY; MORE SO LATTER PART OF WEEK. WHEAT CONTINUES TO FILL SLOWLY ON ALL GOOD SUMMER FALLOWED GROUND AND OF COURSE MORE SO ON IRRIGATED LAND. SOME STUBBLED-IN WHEAT IS RIPENING RAPIDLY AND WILL CARRY SHRIVELED KERNELS UNDOUBTEDLY. FEED CROPS SUCH AS OATS AND BARLEY ON DRY LANDS ARE SUFFERING, ESPECIALLY ON STUBBLED-IN ACREAGE; OTHERWISE COMING ALONG IN GOOD CONDITION. PASTURES BECOMING SHORTER DUE TO GRASSHOPPERS IN ISOLATED AREAS. GRASS IS BRITTLE AND DUSTY AND MAY HAVE SOME RESULTANT EFFECT UPON DIGESTIVE TROUBLES. SHIPMENT OF LIVESTOCK HAS BEEN STOPPED DURING WEEK.

PRAIRIE: - WEATHER HOT AND DRY. GROWING CONDITIONS HAVE BEEN VERY POOR FOR CORN AND POTATOES, WHICH HAVE SUFFERED DUE TO THE HEAT AND THE LACK OF MOISTURE AND THE GRASSHOPPER DAMAGE. HARVESTING UNDER WAY. MANY CROPS BEING HARVESTED FOR HAY. LIVESTOCK IS IN GOOD CONDITION BUT IS AT A STANDSTILL NOW, BUT THE FLIES AND HEAT BOTHERING THEM.

RICHLAND: - NO PRECIPITATION. MOST GRAIN CROPS CUT AND SHOCKED ON VALLEY FARMS. HARVESTING IN FULL SWING ON DRY LAND WITH SOME HEADING, SOME THRESHING AND SOME COMBINING. SOME FAIR YIELDS BEING REPORTED. RANGE DRYING TO CERTAIN EXTENT ALTHO LIVESTOCK IN GOOD CONDITION. GRASSHOPPERS AND BLACK RUST BEING REPORTED.

ROOSEVELT:- EXTREMELY HOT, DRY WEATHER THIS WEEK HAS DONE DAMAGE TO WHEAT AND CORN. ALL WHEAT CROPS RIPE AND COMBINED WHEAT IS YIELDING FROM 6 TO 20 BUSHEL PER ACRE. CORN IN SOME SECTIONS OF THE COUNTY IS DRYING UP. RUST HAS PROVEN TO SERIOUSLY DAMAGE THE LATE WHEAT CROPS AS INDICATED BY HARVEST. LIVESTOCK IN GOOD CONDITION.

ROSEBUD: - NO RAIN; HOT DAYS; COOL NIGHTS. WINTER WHEAT HARVEST NEARLY COMPLETED. AVERAGE YIELD WILL BE CLOSE TO 22 BUSHEL. SPRING WHEAT HARVEST IN FULL SWING, WITH YIELDS RUNNING FROM 4 TO 10 BUSHEL IN DISTRICTS WHERE IT IS BEING CUT. NORTH HALF OF COUNTY VERY LITTLE GRAIN WILL BE CUT. IRRIGATED CROPS IN GOOD SHAPE. HAY IN ONE AREA LIGHT ON ACCOUNT OF HOPPERS. ALFALFA SEED CROP WILL BE LIGHT. ALL LIVESTOCK IN GOOD SHAPE. GRASS AND WATER HOLDING GOOD. WINTER FEED IN NORTH HALF OF COUNTY MAY BE PROBLEM.

SANDERS: - NO PRECIPITATION; CLEAR, COOL AND VERY DRY. GRAIN HARVEST 80% COMPLETED. NO THRESHING TO DATE. SECOND CUTTING HAY TO START IN A FEW DAYS. VERY LITTLE SECOND CUTTING ON DRY LAND FROM EXTREME DRY CONDITION. SEED PEA HARVEST IN FULL SWING, WITH REDUCED YIELDS ON ACCOUNT OF EXTREME HOT WEATHER. ALFALFA AND CLOVER SEED CROP IN FINE CONDITION WITH PROSPECTS FOR HIGH YIELDS. LIVESTOCK IN GOOD CONDITION. HEAVY SHIPMENTS OF FAT LAMBS GOING TO CHICAGO MARKET. MARKETING GRASS FAT CATTLE CONTINUES. STRONG DEMAND FOR FEEDER CATTLE.

SHERIDAN: - SMALL AMOUNT OF PRECIPITATION IN AUGUST. SOME HOT WINDS. GOOD RIPENING WEATHER. HARVESTING OF WHEAT GENERAL; LARGE AMOUNT OF FEED CROPS CUT. HAIL DAMAGE CONSIDERABLE IN AREA SOUTHWEST OF PLENTYWOOD, WHERE CROPS WERE BEST. REPORT OF 7 BU. WHEAT PER ACRE IN HOMESTEAD AREA, WHERE RAINS CAME LATE. OTHER AREAS YIELDS WILL BE HIGHER. LIVESTOCK IN EXCELLENT CONDITION. GRASSHOPPERS, GOPHERS, AND WIND HAVE CAUSED SOME LODGING AND DAMAGE TO NEARLY RIPE GRAIN.

STILLWATER:- WEATHER CONDITIONS VERY WARM FOR THE ENTIRE WEEK WITH NO PRECIPITATION. HARVEST IN FULL SWING WITH WIDE VARIETY OF YIELDS. BEST SUMMER FALLOW WINTER WHEAT IN MORE FAVORED SECTIONS REPORTED AT 25 BUSHEL. IN OTHER SECTIONS, YIELDS ARE FROM A FEW BUSHEL TO THE ACRE TO 15 BUSHEL. GRASSHOPPERS STILL DOING A LOT OF DAMAGE IN IRRIGATED SECTIONS AND ON RANGE. LIVESTOCK IN FAIR CONDITION, WITH SOME BEING SOLD. THE DAMAGE BY GRASSHOPPERS HAS DESTROYED LARGE ACREAGE OF RANGE, AND WITH LIGHT CROP OF HAY, THE FEED SITUATION FOR THE COMING WINTER DOESN'T LOOK TOO BRIGHT.

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SWEET GRASS: NO PRECIPITATION. GENERAL GROWING CONDITIONS ARE GOOD ONLY IN IRRIGATED SECTION, AND THERE ONLY WHERE THEY CAN CONTROL THE HOPPERS. CONDITION OF WINTER WHEAT, OF WHICH WE HAVE A VERY SMALL PERCENTAGE, IS ESTIMATED FROM 15 TO 20 BUSHELS PER ACRE. PROBABLY ABOUT 50% OF THE EARLY SPRING WHEAT WILL BE SAVED, WITH ONLY SMALL YIELDS. LATE SPRING GRAIN EITHER CUT FOR HAY OR DESTROYED BY DROUTH AND HOPPERS. ALL IRRIGATED GRAINS BADLY DAMAGED BY HOPPER. LIVESTOCK STARTING TO MARKET BECAUSE THE LOWER RANGES ARE TAKEN BY HOPPERS. PRACTICALLY ALL LAMBS OF SMALL FLOCKS HAVE BEEN SOLD AT FROM  $5\frac{1}{2}\phi$  TO  $6\phi$ ; LARGER FLOCKS ON RESERVES STARTING AT  $5\frac{1}{2}\phi$ , SEPTEMBER DELIVERY. SOME MIXED BUNCHES OF YOUNG CATTLE SOLD AT  $6\phi$ . THERE WILL BE A GREAT REDUCTION OF LIVESTOCK IN COUNTY ON ACCOUNT OF FEED SITUATION. MORMON CRICKETS SPREADING TO ALL PARTS OF COUNTY. GRASSHOPPERS HAVE CLEANED THE RANGES; NOW REQUIRING A REAL FIGHT TO SAVE THE CROPS.

TETON: - HIGH TEMPERATURE FOR WEEK 93, AND LOW 39 DEGREES. VERY HOT AND DRY WINDS ALL WEEK. WINTER WHEAT BEING HARVESTED. SOME SPRING WHEAT HARVESTING IS JUST STARTING. GRASSHOPPERS STILL DOING CONSIDERABLE DAMAGE, ESPECIALLY TO OATS AND BARLEY. LIVESTOCK MOVING TO MARKET.

TOOLE: - WEATHER HOT AND DRY. CROPS ARE SPOTTED IN COUNTY. SOME DAMAGE BEING DONE BY SAY'S PLANT BUG. RANGE CONDITIONS ARE IMPROVED. RAINS OF THREE WEEKS AGO HELPED MATERIALLY.

VALLEY: - THE WEEK HAS BEEN CHARACTERIZED BY WARM WEATHER WITH NO SHOWERS. GENERAL GROWING CONDITIONS ARE POOR IN MOST PARTS, DUE TO LACK OF MOISTURE. CROP CONDITIONS RANGE FROM VERY GOOD TO COMPLETE FAILURES, DEPENDING UPON METHOD OF FARMING AND LOCAL SHOWERS. IRRIGATED CROPS IN GENERAL IN GOOD CONDITION EXCEPTING THOSE HIT BY HAIL. SECOND CROP OF HAY IS MOSTLY IN STACK. HARVESTING IS BEGINNING IN EASTERN PART OF COUNTY. LIVESTOCK IN GENERAL IN GOOD CONDITION BUT RANGES BEGINNING TO SUFFER FROM LACK OF MOISTURE, AND GRASSHOPPER DAMAGE IS CONTINUING TO BE SERIOUS IN SOUTHWESTERN PART OF COUNTY.

WIBAUX: - EXTREMELY HOT WEATHER DURING WEEK. SLIGHT PRECIPITATION IN PARTS OF COUNTY. CROP YIELDS SMALLER THAN EXPECTED DUE TO RUST AND ALSO HOT WEATHER. CROP LOSS FROM RUST WILL FAR EXCEED ESTIMATES. WEATHER GOOD FOR CORN ALTHO RAIN WOULD BE BENEFICIAL. SOME REPORTS OF DAMAGE FROM GRASSHOPPERS. RANGES STILL IN GOOD CONDITION.

YELLOWSTONE: HOT AND DRY WEATHER; NO RAIN. WHEAT HARVEST COMPLETED. YIELDS WINTER WHEAT EXCEPTIONALLY GOOD ON SOUTH BENCHES, RUNNING FROM 10 TO 35 BUSHELS. IN NON-IRRIGATED DISTRICTS NORTH OF YELLOWSTONE RIVER, YIELDS CONSIDERABLY REDUCED, DUE TO DROUTH AND HOPPERS. IN IRRIGATED VALLEYS, HARVESTING PRACTICALLY FINISHED, WITH THRESHING JUST NICELY STARTED; ALSO STARTING TO CUT SECOND CROP ALFALFA. LIVESTOCK IN GOOD CONDITION. RANGES AND PASTURES FAIR. HOPPER POISONING CAMPAIGN PRACTICALLY FINISHED. WITH REGARD TO DAMAGE DONE BY HOPPERS, FARMERS REPORT IN NORTH HALF THAT YIELDS OF WINTER WHEAT HAVE BEEN REDUCED ABOUT 30%, WITH SPRING WHEAT, OATS AND BARLEY CROPS LARGELY A FAILURE. DROUTH CAUSING AS MUCH OR MORE DAMAGE THAN HOPPERS. IN THE VALLEY, THE MOST DAMAGE HAS BEEN DONE TO ALFALFA. SECOND CROP WILL BE NOT MUCH MORE THAN HALF A CROP. OATS IN MOST CASES WAS THE GRAIN CROP MOST DAMAGED. WHEAT WAS SLIGHTLY DAMAGED IN A FEW DISTRICTS.

BIG HORN: - WEATHER HAS BEEN HOT AND DRY DURING THE WEEK WITH COOL COMFORTABLE NIGHTS. NO PRECIPITATION. HARVEST WELL ADVANCED, WITH FAIR TO GOOD YIELDS REPORTED. BEETS MAKING SPLENDID PROGRESS AND SECOND HAY CROP BEING PUT UP. GRASS ON RANGE RIPENING AND RESEEDING. LIVESTOCK IN GOOD CONDITION AND A SMALLER NUMBER TO BE SHIPPED TO MARKET THAN USUAL. NUMBER OF HOGS BELOW NORMAL AND CORN ACREAGE SOMEWHAT LARGER.

HELENA, MONTANA.  
AUGUST 13, 1935.

